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PPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/520,678	03/07/2000	Michael Tipping	1018.093US1	018.093US1 9074	
75	90 09/05/2003				
Law Offices of Albert S. Michalik 704-228th Avenue NE Suite 193			EXAMINER		
			DAY, HERNG DER		
Sammamish, WA 98074			ART UNIT	PAPER NUMBER	
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			DATE MAILED: 09/05/2003	ι	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Application No. Optical Colors				
## Examiner Day		Application No.	Applicant(s)	\neg
Hemg-der Day 2123		09/520,678	TIPPING ET AL.	,
- The MALING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) FROM THE MALING DATE OF THIS COMMUNICATION. Extendino of time may be enabled under the provision of ST CRR 1.35(a). In no event, however, may a reply be timely filed Extendino of time may be available under the provision of ST CRR 1.35(a). In no event, however, may a reply be timely filed If the period for reply specified above is less then thirty (30) days, a reply within the abundancy minimum of thirty (30) days will be considered intelly. If the period for reply specified above is less than thirty (30) days, a reply within the abundancy minimum of thirty (30) days will be considered intelly. If the period for reply specified above is less than thirty (30) days, a reply within the abundancy of the specified period of this communication. If the period for reply specified above is less than the filty (30) days, a reply be timely filed. If the period for reply specified above is less than the filty (30) days, a reply be timely filed. If the period for reply specified above is less than the filty (30) days, a reply be timely filed. If the period reply specified above is less than the filty (30) days, and the specified and the period of the period of the specified and	Office Action Summary	Examiner	Art Unit	
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Enterestants of time may be available under the provisions of 37 CFR 1.35(s), in no event, however, may a raply be timely filled - Enterestants of time may be available under the provisions of 37 CFR 1.35(s), in no event, however, may a raply be timely filled - If No period for regly to available under the provisions of 37 CFR 1.35(s), in no event, however, may a raply be timely filled - If No period for regly to available us less than their york (30 days, and be considered timely. - If No period for regly to available under the mailting date of this communication, the provision of the communication of the communication, even if timely filled, may reduce any example puter term adjustment. See 37 CFR 1.704(s). - Status 1) □ Responsive to communication(s) filled on 14 June 2003. 2a) □ This action is FINAL. 2b) □ This action is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) □ Claim(s) 1-19 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are allowed. 6) □ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) □ The drawing(s) filled on 07 March 2009 is/are: a) □ accepted or b) □ objected to by the Examiner. Application Papers 10) □ The drawing(s) filled on 07 March 2009 is/are: a) □ accepted or b) □ objected to by the Examiner. If approved, corrected drawings are required in reply to this Office action. 11) □ The proposed drawing correction filled on				
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE \$\(\) MONTH(\$\(\)) FROM THE MAILING DATE OF THIS COMMUNICATION. Estimators of time may be enablable unided the proviousion of 3° CPR 1.75(a). In no event, however, may a reply be timely filled If the period for regly specified above is less than thirty (30) days, a reply within the statudory minimum of bitary (30) days will be considered timely. If the period for regly specified above, the maximum of a statutory minimum of bitary (30) days will be considered timely. If the period for regly specified above, the maximum distation period will apply and we seed pix (5) (8) MONTHS from the making date of this communication. Falles to notly within the sort of extended period for regly will, to state the application in secone ARMOCHED (35 V.S. 5 § 135). Responsive to communication(s) filled on 14 June 2003. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-19 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) 1-19 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) 1-19 is/are resulted to by the Examiner. 10) The drawing(s) filled on 97 March 2008 is/are: a) accepted or b) objected to by the Examiner. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filled on 97 March 2008 is/are: a) accepted or b) objected to by the Examiner. Application and of action of deviation are required in reply to this Office action. 11) The proposed drawings are required in reply to this Office action. 12) The coath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a) (d) or (f). a) All b) some		ears on the cover sheet with the c	correspondence address	
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2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) ☐ The translation of the foreign language provisional application has been received. 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) ☑ Notice of References Cited (PTO-892) 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)	· · ·	s have been received		
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DETAILED ACTION

- 1. This communication is in response to Applicants' Amendment (paper # 8) to Office Action dated January 15, 2003 (paper # 6), mailed June 14, 2003.
- 1-1. Claims 1, 3, 6, 10, and 12-16 have been amended; claims 1-19 are pending.
- 1-2. Claims 1-19 have been examined and claims 1-19 have been rejected.

Drawings

- 2. The drawings are objected to for the following reasons. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.
- **2-1.** Figures 1 and 2 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g).

Claim Rejections - 35 USC § 101

3. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

- 4. Claims 1, 10, and 13 are rejected under 35 U.S.C. 101 because the inventions as disclosed in claims are directed to non-statutory subject matter.
- 4-1. Claims 1, 10, and 13 recite a series of steps describe mathematical algorithms of manipulating various distributions to approximate a posterior distribution for modeling a data set. These steps neither recite data gathering limitations or post-mathematical operations that

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might independently limit the claims beyond the performance of a mathematical operation nor limit the use of any output to a practical application providing a useful, concrete, and tangible result. In other words, none of the claims possess limitations that eliminate the rejection for lack of statutory subject matter. Hence, the claims are unpatentable. See In *re Warmerdam*, 33 F.3d 1354, 1360 (Fed. Cir 1994).

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4-2. The Examiner acknowledges that even though the claims are presently considered non-statutory they are additionally rejected below over the prior art. The Examiner assumes the Applicants will amend the claims to overcome the 101 rejections and thus make the claims statutory.

Claim Rejections - 35 USC § 103

- 5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 6. Claims 1-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Matsumoto et al., "Reconstruction and Prediction of Nonlinear Dynamical System: A Hierarchical Bayes Approach with Neural Nets", ICASSP '99, Proceedings of 1999 IEEE International Conference on Acoustics, Speech, and Signal Processing, March 1999, Volume 2, pages 1061-1064, in view of Simoudis et al., U.S. Patent 5,692,107 issued November 25, 1997.
- **6-1.** Regarding claims 1-5, Matsumoto et al. disclose a computer-implemented method for modeling a data set comprising:

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(Claim 1) selecting an initial set of hyperparameters for determining a prior distribution for the data set for modeling thereof, the prior distribution approximated by a product of a distribution of the set of hyperparameters, a distribution of a set of weights, and a distribution of a set of predetermined additional parameters (equation (1.1), column 1, page 1061); and,

such that the product of the distribution of the set of hyperparameters, the distribution of the set of weights, and the distribution of the set of predetermined additional parameters as have been iteratively updated approximates the posterior distribution for modeling of the data set for probabilistic prediction (equation (2.8), column 2, page 1062);

(Claim 4) the data set comprises a continuous data set, such that the set of predetermined additional parameters comprises a set of parameters accounting for noise (ν is a noise process, column 1, line 5, page 1062);

(Claim 5) the data set comprises a discrete data set, such that the set of predetermined additional parameters comprises a set of parameters accounting for a lower bound (equation (1.2), column 1, page 1061).

Matsumoto et al. fail to expressly disclose: (1) interactively updating the distribution of the set of weights, the distribution of the set of hyperparameters, and the distribution of the set of predetermined additional parameters until a predetermined convergence criterion has been reached; (2) initially inputting the data set to be modeled; and (3) outputting the posterior distribution.

Simoudis et al. teaches the selection of a data analysis module from several different modules implementing different data mining techniques in order to extract a predictive model (Simoudis, column 3, lines 15-25). Depending on the specific application, the predictive model

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may include, for example, a trained neural network for neural models, and the like (Simoudis, column 4, lines 53-56). The user sets module-specific parameters. One of ordinary skill in the art of extracting predictive models and inductive learning knows that the module-specific parameters may include the criteria of convergence, which is a design choice. Once the user determined that the results are satisfactory based on the user's queries or hypotheses, a predictive model is extracted based on such results (Simoudis, column 4, lines 42-57). Specifically, Simoudis et al. disclose the missing elements:

(Claim 1) interactively updating the distribution of the set of weights, the distribution of the set of hyperparameters, and the distribution of the set of predetermined additional parameters until a predetermined convergence criterion has been reached (selects 203, generated 204, set 205, applied 206, and examination 207, column 4, lines 43-53);

(Claim 2) initially inputting the data set to be modeled (a data source 114 is selected 200 and input into the system, column 4, lines 36-37);

(Claim 3) outputting the posterior distribution as approximated by the product of the distribution of the set of hyperparameters, the distribution of the set of weights, and the distribution of the set of predetermined additional parameters (the extracted predictive model then may be saved 209).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Matsumoto et al. to incorporate the teachings of Simoudis et al. to obtain the invention as specified in claims 1-5 because, as Simoudis et al. suggest, the modules may be custom designed for specific applications (Simoudis, column 3, lines 26-27),

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i.e., a application of approximating a posterior distribution of equation (2.8) for probabilistic prediction.

6-2. Regarding claims 6-9, Matsumoto et al. disclose a computer-implemented method for modeling a data set comprising:

(Claim 6) obtain a posterior distribution for the data set (equation (2.8), column 2, page 1062);

(Claim 7) selecting an initial set of hyperparameters for determining the prior distribution for the data set, the prior distribution approximated by a product of a distribution of the set of hyperparameters, a distribution of a set of weights, and a distribution of a set of predetermined additional parameters (equation (1.1), column 1, page 1061); and,

(Claim 8) the data set comprises a discrete data set, such that the set of predetermined additional parameters comprises a set of parameters accounting for a lower bound (equation (1.2), column 1, page 1061);

(Claim 9) the data set comprises a continuous data set, such that the set of predetermined additional parameters comprises a set of parameters accounting for noise (ν is a noise process, column 1, line 5, page 1062).

Matsumoto et al. fail to expressly disclose: (1) inputting a data set to be modeled; (2) determining a relevance vector learning machine via a variational approach; (3) outputting at least the posterior distribution; and (4) interactively updating the distribution of the set of weights, the distribution of the set of hyperparameters, and the distribution of the set of predetermined additional parameters until a predetermined convergence criterion has been reached.

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Simoudis et al. teaches the selection of a data analysis module from several different modules implementing different data mining techniques in order to extract a predictive model (Simoudis, column 3, lines 15-25). Depending on the specific application, the predictive model may include, for example, a trained neural network for neural models, and the like (Simoudis, column 4, lines 53-56). The user sets module-specific parameters. One of ordinary skill in the art of extracting predictive models and inductive learning knows that the module-specific parameters may include the criteria of convergence, which is a design choice. Once the user determined that the results are satisfactory based on the user's queries or hypotheses, a predictive model is extracted based on such results (Simoudis, column 4, lines 42-57). Specifically, Simoudis et al. disclose the missing elements:

(Claim 6) inputting a data set to be modeled (Simoudis, a data source 114 is selected 200 and input into the system, column 4, lines 36-37);

determining a relevance vector learning machine via a variational approach (Simoudis, inductive module 104', Fig. 1); and,

outputting at least the posterior distribution for the data set for probabilistic prediction (Simoudis, the extracted predictive model then may be saved 209);

(Claim 7) interactively updating the distribution of the set of weights, the distribution of the set of hyperparameters, and the distribution of the set of predetermined additional parameters until a predetermined convergence criterion has been reached (Simoudis, selects 203, generated 204, set 205, applied 206, and examination 207, column 4, lines 43-53).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Matsumoto et al. to incorporate the teachings of Simoudis

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et al. to obtain the invention as specified in claims 6-9 because, as Simoudis et al. suggest, the modules may be custom designed for specific applications (Simoudis, column 3, lines 26-27), i.e., a application of approximating a posterior distribution of equation (2.8) for probabilistic prediction.

6-3. Regarding claims 10-12, Matsumoto et al. disclose a machine-readable medium having instructions stored thereon for execution by a processor to perform a method for modeling a continuous data set comprising:

(Claim 10) selecting an initial set of hyperparameters for determining a prior distribution for the continuous data set for modeling thereof, the prior distribution approximated by a product of a distribution of the set of hyperparameters, a distribution of a set of weights, and a distribution of a set of parameters accounting for noise (equation (1.1), column 1, page 1061; ν is a noise process, column 1, line 5, page 1062); and,

such that the product of the distribution of the set of hyperparameters, the distribution of the set of weights, and the distribution of the set of parameters accounting for noise as have been iteratively updated approximates the posterior distribution for modeling of the continuous data set for probabilistic prediction (equation (2.8), column 2, page 1062);

Matsumoto et al. fail to expressly disclose: (1) interactively updating the distributions; (2) initially inputting the data set to be modeled; and (3) outputting the posterior distribution.

Simoudis et al. teaches the selection of a data analysis module from several different modules implementing different data mining techniques in order to extract a predictive model (Simoudis, column 3, lines 15-25). Depending on the specific application, the predictive model may include, for example, a trained neural network for neural models, and the like (Simoudis,

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column 4, lines 53-56). The user sets module-specific parameters. One of ordinary skill in the art of extracting predictive models and inductive learning knows that the module-specific parameters may include the criteria of convergence, which is a design choice. Once the user determined that the results are satisfactory based on the user's queries or hypotheses, a predictive model is extracted based on such results (Simoudis, column 4, lines 42-57). Specifically, Simoudis et al. disclose the missing elements:

(Claim 10) interactively updating the distribution of the set of weights, the distribution of the set of hyperparameters, and the distribution of the set of parameters accounting for noise until a predetermined convergence criterion has been reached (selects 203, generated 204, set 205, applied 206, and examination 207, column 4, lines 43-53);

(Claim 11) initially inputting the continuous data set to be modeled (a data source 114 is selected 200 and input into the system, column 4, lines 36-37);

(Claim 12) outputting the posterior distribution as approximated by the product of the distribution of the set of hyperparameters, the distribution of the set of weights, and the distribution of the set of parameters accounting for noise (the extracted predictive model then may be saved 209).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Matsumoto et al. to incorporate the teachings of Simoudis et al. to obtain the invention as specified in claims 10-12 because, as Simoudis et al. suggest, the modules may be custom designed for specific applications (Simoudis, column 3, lines 26-27), i.e., a application of approximating a posterior distribution of equation (2.8) for probabilistic prediction.

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6-4. Regarding claims 13-15, Matsumoto et al. disclose a machine-readable medium having instructions stored thereon for execution by a processor to perform a method for modeling a discrete data set comprising:

(Claim 13) selecting an initial set of hyperparameters for determining a prior distribution for the discrete data set for modeling thereof, the prior distribution approximated by a product of a distribution of the set of hyperparameters, a distribution of a set of weights, and a distribution of a set of parameters accounting for a lower bound (equation (1.1), column 1, page 1061; equation (1.2), column 1, page 1061); and,

such that the product of the distribution of the set of hyperparameters, the distribution of the set of weights, and the distribution of the set of parameters accounting for a lower bound as have been iteratively updated approximates the posterior distribution for modeling of the discrete data set for probabilistic prediction (equation (2.8), column 2, page 1062);

Matsumoto et al. fail to expressly disclose: (1) interactively updating the distributions; (2) initially inputting the data set to be modeled; and (3) outputting the posterior distribution.

Simoudis et al. teaches the selection of a data analysis module from several different modules implementing different data mining techniques in order to extract a predictive model (Simoudis, column 3, lines 15-25). Depending on the specific application, the predictive model may include, for example, a trained neural network for neural models, and the like (Simoudis, column 4, lines 53-56). The user sets module-specific parameters. One of ordinary skill in the art of extracting predictive models and inductive learning knows that the module-specific parameters may include the criteria of convergence, which is a design choice. Once the user determined that the results are satisfactory based on the user's queries or hypotheses, a predictive

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model is extracted based on such results (Simoudis, column 4, lines 42-57). Specifically, Simoudis et al. disclose the missing elements:

(Claim 13) interactively updating the distribution of the set of weights, the distribution of the set of hyperparameters, and the distribution of the set of parameters accounting for a lower bound until a predetermined convergence criterion has been reached (selects 203, generated 204, set 205, applied 206, and examination 207, column 4, lines 43-53);

(Claim 14) initially inputting the discrete data set to be modeled (a data source 114 is selected 200 and input into the system, column 4, lines 36-37);

(Claim 15) outputting the posterior distribution as approximated by the product of the distribution of the set of hyperparameters, the distribution of the set of weights, and the distribution of the set of parameters accounting for a lower bound (the extracted predictive model then may be saved 209).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Matsumoto et al. to incorporate the teachings of Simoudis et al. to obtain the invention as specified in claims 13-15 because, as Simoudis et al. suggest, the modules may be custom designed for specific applications (Simoudis, column 3, lines 26-27), i.e., a application of approximating a posterior distribution of equation (2.8) for probabilistic prediction.

6-5. Regarding claims 16-19, Matsumoto et al. disclose a machine-readable medium having instructions stored thereon for execution by a processor to perform a method comprising:

(Claim 16) obtain a posterior distribution for the data set for probabilistic prediction (equation (2.8), column 2, page 1062);

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(Claim 17) selecting an initial set of hyperparameters for determining the prior distribution for the data set, the prior distribution approximated by a product of a distribution of the set of hyperparameters, a distribution of a set of weights, and a distribution of a set of predetermined additional parameters (equation (1.1), column 1, page 1061); and,

(Claim 18) the data set comprises a discrete data set, such that the set of predetermined additional parameters comprises a set of parameters accounting for a lower bound (equation (1.2), column 1, page 1061);

(Claim 19) the data set comprises a continuous data set, such that the set of predetermined additional parameters comprises a set of parameters accounting for noise (ν is a noise process, column 1, line 5, page 1062).

Matsumoto et al. fail to expressly disclose: (1) inputting a data set to be modeled; (2) determining a relevance vector learning machine via a variational approach; (3) outputting at least the posterior distribution for the data set; and (4) interactively updating the distribution of the set of weights, the distribution of the set of hyperparameters, and the distribution of the set of predetermined additional parameters until a predetermined convergence criterion has been reached.

Simoudis et al. teaches the selection of a data analysis module from several different modules implementing different data mining techniques in order to extract a predictive model (Simoudis, column 3, lines 15-25). Depending on the specific application, the predictive model may include, for example, a trained neural network for neural models, and the like (Simoudis, column 4, lines 53-56). The user sets module-specific parameters. One of ordinary skill in the art of extracting predictive models and inductive learning knows that the module-specific

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parameters may include the criteria of convergence, which is a design choice. Once the user determined that the results are satisfactory based on the user's queries or hypotheses, a predictive model is extracted based on such results (Simoudis, column 4, lines 42-57). Specifically, Simoudis et al. disclose the missing elements:

(Claim 16) inputting a data set to be modeled (Simoudis, a data source 114 is selected 200 and input into the system, column 4, lines 36-37);

determining a relevance vector learning machine via a variational approach (Simoudis, inductive module 104', Fig. 1); and,

outputting at least the posterior distribution for the data set (Simoudis, the extracted predictive model then may be saved 209);

(Claim 17) interactively updating the distribution of the set of weights, the distribution of the set of hyperparameters, and the distribution of the set of predetermined additional parameters until a predetermined convergence criterion has been reached (Simoudis, selects 203, generated 204, set 205, applied 206, and examination 207, column 4, lines 43-53).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Matsumoto et al. to incorporate the teachings of Simoudis et al. to obtain the invention as specified in claims 16-19 because, as Simoudis et al. suggest, the modules may be custom designed for specific applications (Simoudis, column 3, lines 26-27), i.e., a application of approximating a posterior distribution of equation (2.8) for probabilistic prediction.

Applicant's Arguments

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7. Applicants argue the following:

(1) Neither Hearst nor Cortes, whether considered alone or in any permissible

combination, discloses all the claimed subject matter (pages 8-14, paper # 8).

(2) Applicants have amended claims 1, 6, 10, 13, and 16 to make explicit what was

implicitly recited by these claims to overcome the rejections of claims 1-12 and 14-19 under 35

U.S.C. 101 (pages 14-15, paper # 8).

Response to Arguments

8. Applicants' arguments have been fully considered.

8-1. Response to Applicants' argument (1). Applicants' arguments are persuasive. Therefore,

the rejections under 35 U.S.C. 103(a) in paper # 6 have been withdrawn. However, upon further

consideration, a new ground(s) of rejection is made, as detailed in sections 6 to 6-5 above.

8-2. Response to Applicants' argument (2). Applicants' arguments are unpersuasive. Claims

1, 10, and 13 are still rejected under 35 U.S.C. 101, as detailed in section 4 above.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

Reference to Bishop et al., U.S. Patent 6,556,960 issued April 29, 2003, and filed

September 1, 1999, is cited as disclosing a variational inference engine for probabilistic

graphical models.

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10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Herng-der Day whose telephone number is (703) 305-5269. The examiner can normally be reached on 9:00 - 17:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin J Teska can be reached on (703) 305-9704. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-7239 for regular communications and (703) 746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Herng-der Day August 26, 2003

HUGH JONES PLANT R

PRIMARY PATENT EXAM

TECHNOLOGY CENTER